

IN THE CLAIMS

Please replace the previous listing of the claims with the following replacement listing.

Replacement listing of the claims:

1. (Currently amended) An interposer comprising an electrically insulating carrier, an electrically conductive via disposed in said carrier and an electrical connector that comprises a hollow body of electrically conductive material that is disposed in electrical contact with said via on opposite sides of said carrier and that has at least one surface void a plurality of surface voids so that said electrical connector accommodates forced physical and electrical contact with at least one separate electrical contact.
2. (Canceled)
3. (Currently amended) The interposer of claim 1, wherein ~~said hollow body comprises a plurality of~~ at least two of said surface voids are disposed on one side of said carrier.
4. (Currently amended) The interposer of claim 31, wherein at least two of said surface voids are in registration with one another and disposed on said opposite sides of said carrier.
5. (Previously presented) The interposer of claim 1, wherein said carrier comprises a plurality of said electrically conductive vias each disposed in electrical contact with a different one of a plurality of said hollow bodies.

6. (Currently amended) An interposer for connecting a module to a printing wiring board comprising:

a carrier that has at least one electrically conductive via and that is disposed so that said via is in registration with a connector of said module and a connector of said printed wiring board; and

at least one electrical contact button that is hollow, that is disposed in said via for forced physical and electrical contact with the connector of said module and the connector of said printed wiring board and that has at least one surface void.

7. (Canceled)

8. (Currently amended) The interposer of claim 6, wherein said electrical contact button comprises a plurality of surface voids, at least two of which are disposed on one side of said carrier.

9. (Currently amended) The interposer of claim 8, wherein said electrical contact button comprises at least two surface voids in registration with one another and disposed on opposite sides of said carrier.

10. (Previously presented) The interposer of claim 6, wherein said carrier comprises a plurality of said vias each in electrical contact with a different one of a plurality of said electrical contact buttons

11-40. (Canceled)

41. (New) The interposer of claim 1, wherein at least one of said voids is located to receive an optical signal so that said hollow body accommodates both optical and electrical signals.

42. (New) The interposer of claim 1, wherein said plurality of voids is arranged in a birdcage pattern.